

## **Challenge # 1:**

```
● PS C:\Coding (VScode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3> python .\challenge01_smart_city.py  
8 3 2  
73 74 75 71 69 72 76 73  
NEXT 3  
COUNT 0 7  
6  
7
```

## **Challenge # 2:**

```
...  
● PS C:\Coding (VScode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3> python .\challenge02_emergency_evacuation.py  
Minimum boats = 4  
Yes  
No  
2  
○ PS C:\Coding (VScode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3>
```

## **Challenge # 3:**

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

● PS C:\Coding (VScode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3> python .\challenge03_broadcast.py
2 1
3 2
1
○ PS C:\Coding (VScode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3>
```

## **Challenge # 4:**

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Coding (VSCode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3> `python .\challenge04_scrambled.py [0, 6]`

PS C:\Coding (VSCode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3>

## **Challenge # 5:**

# **Challenge # 6:**



The screenshot shows the VS Code interface with the terminal tab selected. The terminal window displays a command-line session where a Python script named 'challenge06\_dectection.py' is run from a directory path. The output of the script, which includes the number '2', is visible.

```
PS C:\Coding (VScode)\Codes\Activities\CIS-Comm-Logic-Forge-PSET3> python .\challenge06_dectection.py
2
```